

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 51   | turbine same flow director   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2006/03/13 10:02 |
| S2    | 2    | "6368060".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2005/11/02 10:07 |
| S3    | 10   | ("5720431"   "5941686"   "6099251"   "6183199"   "6224336").PN. OR ("6368060").URPN. | US-PGPUB; USPAT; USOCR                      | ADJ              | ON      | 2005/11/02 10:11 |
| S4    | 2    | "3383602".pn.  | US-PGPUB; USPAT; USOCR                      | ADJ              | ON      | 2005/11/02 10:11 |
| S5    | 1    | "6383602".pn.  | US-PGPUB; USPAT; USOCR                      | ADJ              | ON      | 2005/11/02 10:11 |
| S6    | 4    | ("5039562"   "5223320"   "5503529"   "5902647").PN. OR ("6383602").URPN.             | US-PGPUB; USPAT; USOCR                      | ADJ              | ON      | 2005/11/02 10:18 |
| S7    | 6    | discrete hole film cooling   | US-PGPUB; USPAT; USOCR                      | ADJ              | ON      | 2005/11/02 10:20 |
| S8    | 6    | discrete hole film cooling   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2005/11/02 11:47 |
| S9    | 2    | "6234755".pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2005/11/02 10:24 |
| S10   | 4625 | film cooling   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2005/11/02 10:29 |
| S11   | 2269 | S10 and turbine  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ              | ON      | 2005/11/02 10:42 |

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|     |      |   |   |     |    |                  |
|-----|------|---|---|-----|----|------------------|
| S12 | 1440 | S10 same turbine                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/11/02 10:32 |
| S13 | 844  | S10 with turbine                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/11/02 10:32 |
| S14 | 1    | S10 with turbine same tabs                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/11/02 10:33 |
| S15 | 102  | S10 with turbine and tabs                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/11/02 10:33 |
| S16 | 2    | S10 and turbine and direct write          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/11/02 10:43 |
| S17 | 117  | turbine and flow director                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/11/02 11:43 |
| S18 | 66   | S17 not S1                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/11/02 11:43 |
| S19 | 39   | discrete with hole with film with cooling | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/11/02 11:59 |
| S20 | 0    | S19 and direct write                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/11/02 11:59 |
| S21 | 2    | "6234755".pn.                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2005/11/02 12:07 |

## EAST Search History

|     |      |  |   |     |    |                  |
|-----|------|--|---|-----|----|------------------|
| S22 | 20   | ("4669957"   "4684323"   "4743462"   "5130163"   "5223320"   "5458461"   "5651662"   "5660525"   "5902647"   "5981091"   "5985122").PN. OR ("6234755").URPN. | US-PGPUB; USPAT; USOCR                      | ADJ | ON | 2005/11/02 15:23 |
| S23 | 1032 | McrAlY   | US-PGPUB; USPAT; USOCR                      | ADJ | ON | 2005/11/02 15:23 |
| S24 | 155  | S23 same thermal spray\$3  | US-PGPUB; USPAT; USOCR                      | ADJ | ON | 2005/11/02 15:24 |
| S25 | 0    | S24 same ((solution or liquid) with dispersion)  | US-PGPUB; USPAT; USOCR                      | ADJ | ON | 2005/11/02 15:25 |
| S26 | 1    | S24 and ((solution or liquid) with dispersion)   | US-PGPUB; USPAT; USOCR                      | ADJ | ON | 2005/11/02 15:25 |
| S27 | 11   | S24 same (solution or liquid)  | US-PGPUB; USPAT; USOCR                      | ADJ | ON | 2005/11/02 15:53 |
| S28 | 3606 | 427/248.1  | US-PGPUB; USPAT; USOCR                      | ADJ | ON | 2005/11/02 15:53 |
| S29 | 261  | S28 and turbine  | US-PGPUB; USPAT; USOCR                      | ADJ | ON | 2005/11/02 15:53 |
| S30 | 2310 | 427/248.1.ccls.  | US-PGPUB; USPAT; USOCR                      | ADJ | ON | 2005/11/02 15:53 |
| S31 | 149  | S30 and turbine  | US-PGPUB; USPAT; USOCR                      | ADJ | ON | 2005/11/02 15:53 |
| S32 | 5618 | turbine same cool\$3 near3 (hole or passage or tunnel)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/03/09 17:13 |
| S33 | 6    | S32 and flow director  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/03/09 17:13 |
| S34 | 2    | turbine with cooling (hole or passage or tunnel) same flow director  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/03/13 10:04 |

## EAST Search History

|     |      |  |   |     |    |                  |
|-----|------|--|---|-----|----|------------------|
| S35 | 2171 | turbine with cooling (hole or passage or tunnel)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/03/13 10:23 |
| S36 | 110  | S35 and nozzle and deposition  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/03/13 10:23 |
| S37 | 20   | ("4992025").URPN.  | USPAT   | ADJ | ON | 2006/03/13 10:25 |
| S38 | 2    | 10/611745  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/03/13 11:55 |
| S39 | 12   | (thermal barrier coating or tbc) same steam turbine  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/03/13 11:58 |
| S40 | 44   | (thermal barrier coating or tbc) and steam turbine and cooling (hole or passage or tunnel) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2006/03/13 11:58 |